1. Originator Mike Molinet	2. Log Date: **01/29/04**	3. CCR #: **04-0071**	4. Rev: —	5. Tel: X0874	6. Rm #: 3092C	7. Org. TEST

8. CCR Title: Reduce the TCP Listen Drop Time From 240000 to 60000 on PVC & VATC SUNs

9. Originator Signature/Date **Mike Molinet /s/ 1/29/04**	10. Class **II**	11. Type: **CCR**	12. Need Date: 02/03/04

13. CCR Sponsor Signature/Date **Arthur Cohen /s/ 1/29/04**	14. Category of Change: Syn IV	15. Priority: (If "Emergency" fill in Block 27). Routine

16. Documentation/Drawings Impacted *(Review and submit checklist):* 920-TDP-015 & 920-TDV-015	17. Schedule Impact: High	18. CI(s) Affected:All

19. Release Affected by this Change:	20. Date due to Customer: 02/03/04	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☒Other:

23. Problem: (use additional Sheets if necessary)
With approximately 24 custom code process running in one mode, the SUN systems are running out of sockets. The systems are set to hold the old sockets for 4 minutes. These connections need to be released quicker to be able to create new connections. The release interval time needs to be decreased to 60 seconds on all SUN servers. For example, E.A.S.I. uses sockets to distribute ECS custom code. Once the install is completed, the operator must wait 4 minutes for the sockets to be released before another install is started. If a package is missed, the operator can't reinstall until this period has passed.

24. Proposed Solution: (use additional sheets if necessary)
Change the kernel parameter in /dev/tcp tcp_time_wait_interval from 240000 to 60000 on all PVC & VATC SUNs which interact with E.A.S.I.

25. Alternate Solution: (use additional sheets if necessary)
None.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Installation and testing will continue to be bogged down due to long wait interval.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF ☒PVC ☒VATC ☐EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. SCDV CCB Chair (Sign/Date): **Byron V. Peters /s/ 1/29/04**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. EDF CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 04-0071   **Rev: —** **Originator:** Mike Molinet

Telephone: X0874   **Office:** 3092C

Title of Change: Reduce the TCP Listen Drop Time From 240000 to 60000 on PVC & VATC SUNs

The affected PVC and VATC hosts are listed below:

p0tes03
p0ins02
p0mss21
p2acs02
p2acs06
p2dms01
p2dps01
p2ins02
p2pls01
p2pls02
p2sps06

t1code1
t0ins01
t0mss01
t1acs02
t1acs06
t1ais01
t1dms02
t1ins02
t1mss06
t1pls02
t1sps02